

333293

STATE OF MONTANA,
County of Sheridan.

Filed this 27th day of August
A. D. 1963
at 2:00 o'clock P.M.
L. D. Nielsen
County Recorder

Deputy

Handwritten notes at top of page, including "HHS" and various numbers.

Vertical handwritten notes on the right side of the filing stamp area.

Vertical handwritten notes on the left side of the bottom half of the page.

Vertical handwritten notes on the far right side of the page.

File No. _____

T. 35^N R. 58^E

DUPLICATE

County Schneider

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

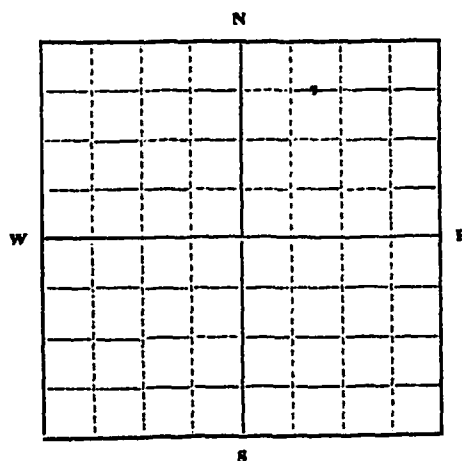
RECEIVED
JAN 8 1962

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Hilda Osborn of RR Wheatly
(Name of Appropriator) (Address) (Town)
County of Schneider State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec. 8 T. 35 R. 58

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based Stock and household
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1912 and Continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 300 gal. per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof not used for irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric motor and windmill
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Drilled in homesteading days. No date available
8. The depth of water table _____
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled by hand 80 feet deep 18' diameter casing 26 ft of water
10. The estimated amount of groundwater withdrawn each year 50,000 gal
11. The log of formations encountered in the drilling of each well if available not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record no county record available

Signature of Owner Hilda Osborn

Date Dec 22, 1962

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

331376

125

STATE OF MONTANA, ss.
County of Sheridan.

Filed this 7 day of
January A. D. 19 63
at 3:00 o'clock P. M.

L. S. Zieken
County Recorder
By Myrtle Haller
Deputy

File No. _____

T. 35 R. 58 E. 9

DUPLICATE

County Sheridan

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

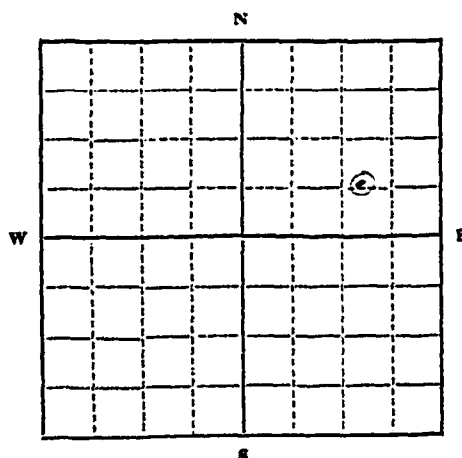
RECEIVED
FEB 6 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Jose A. & Manfred R. Lagerquist, of R.R. 1 Westby
(Name of Appropriator) (Address) (Town)
County of Sheridan State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 N.E. 1/4 of Sec. 9 T. 35 R. 58

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Livestock & human consumption
3. Date or approximate date of earliest beneficial use; and how continuous the use has been June 1952 - continuous daily use since that date
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gals per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof none
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal lift pump with pump jack & electric motor
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater June 1952
8. The depth of water table 35 ft.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled, 4 inch casing, Depth 71 ft.
10. The estimated amount of groundwater withdrawn each year 110,000 gallons
11. The log of formations encountered in the drilling of each well if available not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Jose A. Lagerquist
Manfred R. Lagerquist

Date Jan 31, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

INDEXED

331628

#134

STATE OF MONTANA, } ss.
County of Sheridan. }
Filed this 31 st day of
January A. D. 1963
at 2:00 o'clock a M.
L. D. Nielson
County Recorder
Deputy

File No. _____

T 35 R 58

DUPLICATE

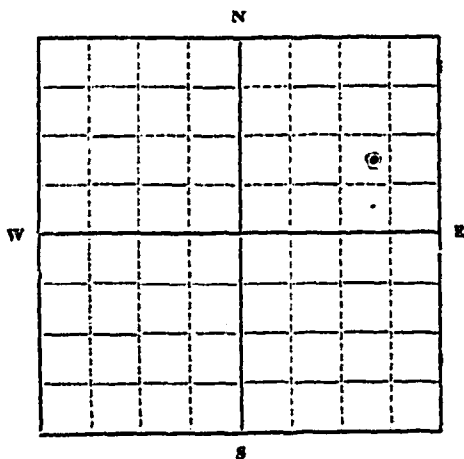
County Sheridan

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
FEB 1 1963

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. JOEL A. and MANFORD R. LAGERQUIST of ROUTE 1 WESTBY
(Name of Appropriator) (Address) (Town)
County of SHERIDAN State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 7 T.35 R.58

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based water system for drinking, lawn + garden watering
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Nov. 1955 continuous since that date, daily
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 12 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof none
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal submersible pump, electrical operated and automatic
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Nov. 5, 1955 commencement and completion Nov. 9, 1955 of first 54 feet June 25, 1957 commencement and June 26, 1957 completion of last 61 feet
8. The depth of water table 2.5 ft
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater drilled well, 4-inch casing, depth 115 ft
10. The estimated amount of groundwater withdrawn each year 40,000 gals
11. The log of formations encountered in the drilling of each well if available 1-35 ft sandy clay, 35-37 ft dry gravel, 37-45 ft clay, 45-49 ft sand, 49-54 ft sand, 54-61 ft sand, 61-65 ft sand
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner Manford R. Lagerquist

Date Jan 31, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

INDEXED

#135

331629

STATE OF MONTANA

County of Sheridan

Filed this 31st day of

January A. D. 1963

at 2:00 o'clock A.M.

L. H. Nielsen
County Recorder

Deputy

File No. _____

T. 35 N R. 58

DUPLICATE

County Sheridan

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

**Notice of Completion of Groundwater
Appropriation by Means of Well**

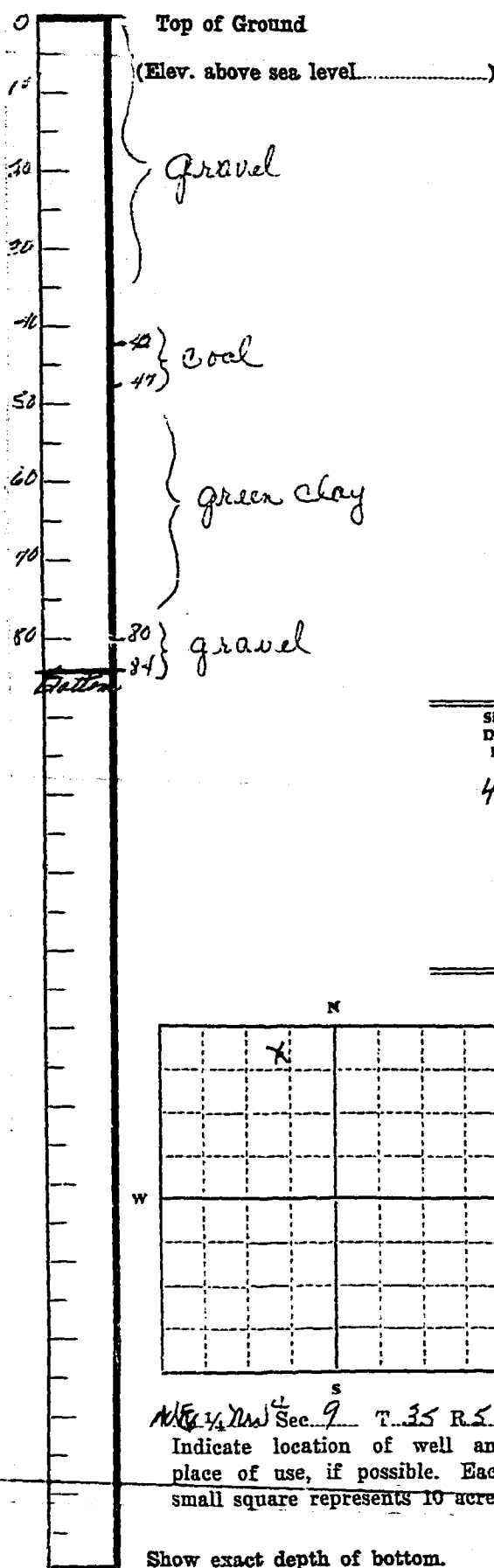
(Under Chapter 237, Montana Session Laws, 1961)

Owner Marford Lagerquist Address Westby, Mont.Driller Marinus Jensen Address Antelope, Mont.Date of Notice of Appropriation of Groundwater NoneDate well started 7-18-63 Date Completed 7-19-63

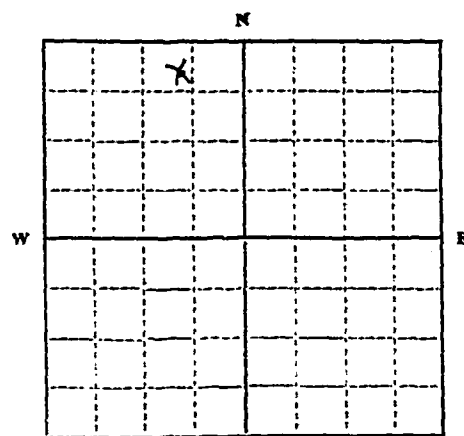
Type of well Drilled Equipment Used Cable tool
(dug, driven, bored or (Churn, drill, rotary or
drilled) other)

Water Use: Domestic ☒ Municipal ☐ Other ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Stock ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.



Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
4"	4 1/2" OD 11 #	0	80'	Slots 1" x 3/32	0	5'



N 1/4 Sec. 9 T. 35 R. 58
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well 46 feet.Shut-in Pressure for Flowing Well NonePumping Water Level 25 feet at 8 gal. per minute.Discharge in gal. per min. of flowing well NoneHow Tested Bailed Length of Test 2 hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation) None

109
Driller's License Number

Marinus Jensen
Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

333020

154

STATE OF MONTANA, ss.
County of Sheridan.

Filed this 30 day of

July

A. D. 1962

at 12:05 o'clock P. M.

L. J. Melan
County Recorder

Deputy

File No. _____

DUPLICATE

T. 35 N. R. 58

County Shrader

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

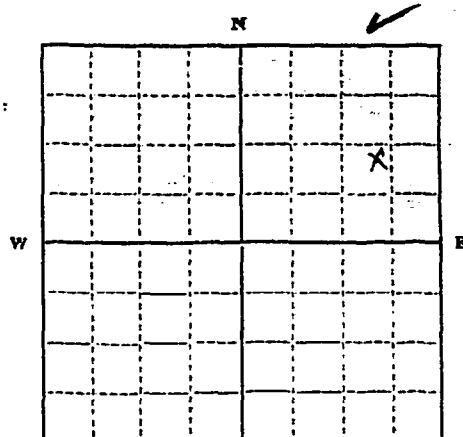
(Under Chapter 237, Montana Session Laws, 1961)

Owner Richard Oakes Address Westby Mont.Driller Albert Andersen Address Medicine LakeDate of Notice of Appropriation of Groundwater July 3 - 1963Date well started July 2 - 63 Date Completed July 3 - 1963Type of well Drilled Equipment Used Rotary
(dug, driven, bored or (Churn, drill, rotary or
drilled) other)

Water Use: Domestic ☐ Municipal ☐ Other ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Stock ☒

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5 1/2	4 inch I.D. 11 lb.	0	40	slots	39	40



SE 1/4 NE Sec. 10 T. 35 R. 58

Indicate location of well and
place of use, if possible. Each
small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well 27 feet.Shut-in Pressure for Flowing Well 0Pumping Water Level 37 feet at 8 gal. per minute.Discharge in gal. per min. of flowing well 0How Tested Pump Length of Test 5 hr.

Remarks: (Gravel packing, cementing, packers, type of shutoff, loca-
tion of place of use of groundwater if not at well, and any
other similar pertinent information, including number of
acres irrigated, if used for irrigation)

106
Driller's License Number
Albert E. Andersen
Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder
in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of
Mines and Geology and Quadruplicate for the Appropriator.

5237

333025 04#155

[Handwritten signatures and initials]

STATE OF MONTANA, ss.
County of Sheridan.
Filed this 21 day of July A. D. 1963
at 11:00 o'clock A. M.
L. S. Mullen
County Recorder
By Myrtle Skallin
Deputy

[Handwritten signatures and initials]

[Vertical handwritten notes]

RECEIVED

OCT 1 1958

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

X	X	

Owner James Elm Address Westby, Mont.
 Driller Laborquist Drilling Co. Address Westby, Mont.
Gust W. Laborquist
 Date Started 7/28/57 Date Completed 7/30/57
 Location: Sec. 11 T. 35 R. 58 NW 1/4 sec.

Type of well Drilled Equipment used Churn-Drill
 (Dug, driven, bored, or drilled) (Churn drill, rotary, other)
 Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
 Industrial ☐ Drainage ☐ Other: _____
 Casing: 50 ft. to _____ ft. Type 3/4" Stand. Size 4"
 Casing: _____ ft. to _____ ft. Type _____ Size _____
 Casing: _____ ft. to _____ ft. Type _____ Size _____
 Perforated or Screened: Ft. 50 to ft. 60 Ft. _____ to ft. _____
 Type of screen or perforations 3 rows of perforations
 Static Water level, for non-flowing well: 30 feet.
 Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____ (date) _____
 Pumping water level 20 feet at 350 gal. per min.
 How tested: Pumped
 Length of test: _____
 Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

2 Wells same depth same
formation

(over)

RECEIVED

OCT 1 1958

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL-LOG

K	X	

Owner: James E. Lagerquist Drilling Co.
Driller: Carl E. Lagerquist

Address: Westby, Mont.

Address: Westby, Mont.

Date Started: 7/23/57

Date Completed: 7/30/57

Location: Sec. 11 T. 35 R. 58 1/4 sec. NE 1/4

Type of well: Drilled Equipment used: Churn Drill
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other: _____

Casing: 60 ft. to _____ ft. Type: Std. 4" Size: 4"

Casing: _____ ft. to _____ ft. Type: _____ Size: _____

Casing: _____ ft. to _____ ft. Type: _____ Size: _____

Perforated or Screened: Ft. 50 to ft. 60 Ft. _____ to ft. _____

Type of screen or perforations: 3 rows of perforations

Static Water level, for non-flowing well: 30 feet.

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____ (date)

Pumping water level: 30 feet at 350 gal. per min. 8:15

How tested: Pumped

Length of test: _____

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

2 Wells same depth same formation

(over)

[illegible]

From

To

Description of Material Drilled

1-12

Band

12-58

Blue clay

58-60

Sand gravel water

File No. _____

T. 35^N R. 58^E

DUPLICATE

County Shrader

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED

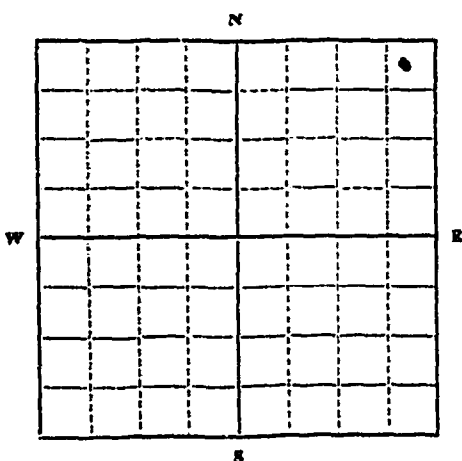
JAN 8 1962

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Orville Osborn, of Rt 1 Westby
(Name of Appropriator) (Address) (Town)
County of Shrader State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 29 T. 35 R. 58

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based Stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1945 Spring and fall
months every year
4. The amount of groundwater claimed (in miner's inches or gallons per minute) all of it
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
Not used for irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
electricity, pump jack
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Don't have dates Drilled in home standing days
8. The depth of water table 42 ft
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 42 ft deep wood casing, hand drilled
10. The estimated amount of groundwater withdrawn each year 45,000 gal
11. The log of formations encountered in the drilling of each well if available Not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record Not applicable - No County record

Signature of Owner Orville OsbornDate Dec 22 - 1962

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

32/377

126

STATE OF MONTANA, ss.
County of Sheridan.
Filed this 7 day of
January A. D. 19 63
at 3:00 o'clock P. M.
L. D. Nielsen
County Recorder
By Myrtle Haller
Deputy.

GROUNDWATER INDEX

Page 1 of 1

County SHERIDAN Twp. 34N Rge. 51E

[illegible]

File No. _____

T. 34 ^N 51 ^R

DUPLICATE

County _____

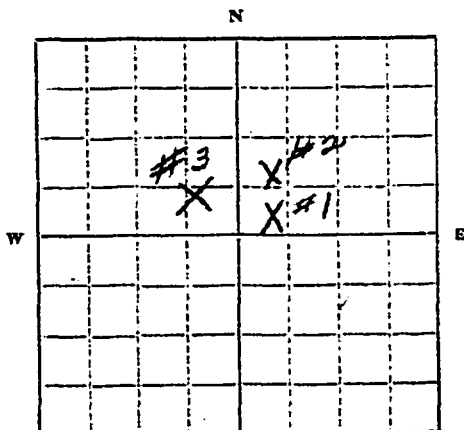
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 15 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Elizabeth J. Blase, of Redstone,
(Name of Appropriator) (Address) (Town)
County of Sheridan State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW NE 1 34 51
SE 1/4 NW Sec. 1 T34 R51

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based #1 house
#2 Stock #3 Stock

3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been #1 1915
#2 1930
#3 1957

4. The amount of groundwater claimed (in miner's inches or gallons
per minute) #1 4 gal per min. #2 4 gal per min.
#3 5 gal per min.

5. If used for irrigation, give the acreage and description of the lands
to which water has been applied and name of the owner thereof
None

6. The means of withdrawing such water from the ground and the
location of each well or other means of withdrawal
#1 Jet Pump #2 Cyl Pump
#3 Cyl Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater No 1 1915 No 2 1930 No 3 1957

8. The depth of water table #1 30 ft #2 30 ft #3 30 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other
works for the withdrawal of groundwater No 1 Bored 12 in
No 2 dug well 3 ft x 3 ft
No 3 drilled 6 in casing

10. The estimated amount of groundwater withdrawn each year No 1 150,000
No 2 200,000
No 3 450,000

11. The log of formations encountered in the drilling of each well if available
None

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including
reference to book and page of any county record
None

Signature of Owner Elizabeth J. Blase
By Duane Holland
Date Dec 30, 1961

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is
located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau
of Mines and Geology, and Quadruplicate for the Appropriator.

33090

334811

#390

STATE OF MONTANA, ss.
County of Sheridan.

Filed this 30 day of
December A. D. 1903.
at 4.00 o'clock P. M.

L. A. Nielsen
County Recorder

Deputy

File No. _____

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

T. 34^N R. 51^E
County, Sheridan

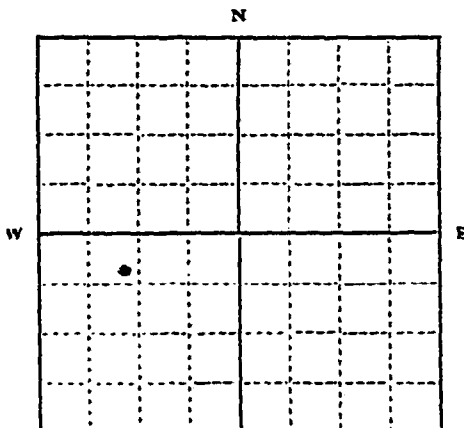
JAN 15 1964

STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Hagan Ranches, of Redstone
(Name of Appropriator) (Address) (Town)
County of Sheridan State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW
NW 1/4 Sec. 2 T. 34 R. 51

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based livestock and home hold
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1912 - continuously
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2 wells - 10 gals per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Cylinder pumps + electric motor
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater #1 well - 1912 #2 well - 1951 #3 well - 1956
8. The depth of water table #1 well - 80 feet #2 well 80 feet #3 well - 150 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater #1 well - 84 feet - bored - wooden curb. #2 well - drilled - 110 feet 4" casing #3 well - drilled - 250 feet 4" casing
10. The estimated amount of groundwater withdrawn each year 500,000 gallons
11. The log of formations encountered in the drilling of each well if available not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner

Hagan Ranches
Eugene F. Hagan
Date Dec 31, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

33157

334922

STATE OF MONTANA

County of Sheridan

Filed this 31 day of

December A. D. 1963

at 1:00 o'clock P.M.

L. A. Wick
County Recorder

Deputy

#457

12. 31. 63

File No. _____

T 34 ^N 51 ^E

DUPLICATE

County Sheridan

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

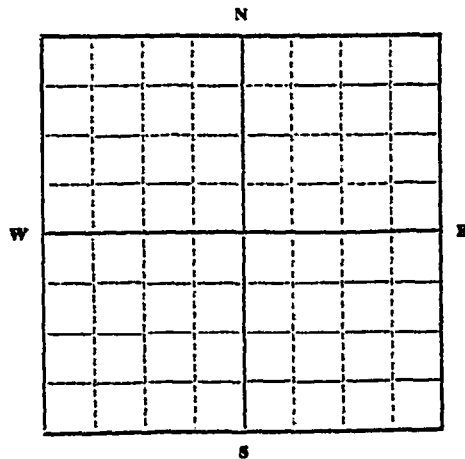
RECEIVED

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Arthur M Hagan Jr of Redstone
(Name of Appropriator) (Address) (Town)
County of Sheridan State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

NE ¹/₄ NE ¹/₄ Sec 12 T34 R51

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based Stock
water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 5-19-54
Used 7 months out of
year
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 6 G-P-M
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
Not used for irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal By
Pumping
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Well started drilling on 5-16-54
Completed 5-19-54
8. The depth of water table 105'
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 6" diameter casing, 120'
deep, Stock water well
10. The estimated amount of groundwater withdrawn each year 22,000 gal.
11. The log of formations encountered in the drilling of each well if available Not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Signature of Owner

Date

Arthur M Hagan Jr
Jan 2, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

331354

#153

STATE OF MONTANA,
County of Sheridan.

Filed this 3rd day of

January A. D. 1963
at 1:00 o'clock P. M.

A. D. Hawk
County Recorder

By Myrtle Haller
Depary

File No. _____

DUPLICATE

T. _____ R. _____
34 N 5 E
County SheridanSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

SEP 16 1963

RECEIVED

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

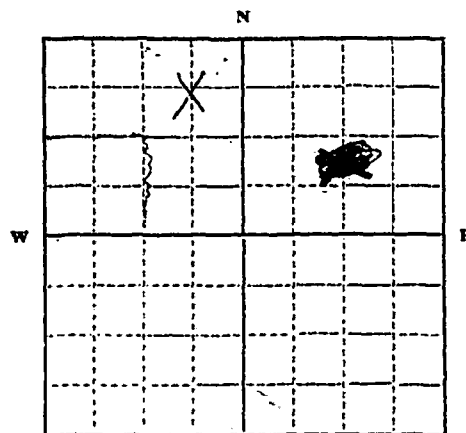
Top of Ground
(Elev. above sea level 2400)

30 ft. yellow
54 gray
55 rock
76 sand
84 brown
85 coal
86 sand
87 rock
94 blue
103 brown
109 sand
124 brown
136 gray
157 sand
160 gray
171 water sand
172 rock
184 water sand

Owner Leland Lossing Address Redstone, Montana
Driller Boone Whitner & Sons Address Waldpoint Montana
Date of Notice of Appropriation of Groundwater July 24, 1963
Date well started July 24, 1963 Date Completed July 28, 1963
Type of well Drilled Equipment Used Spudger
(dug, driven, bored, drilled) (Churn, drill, rotary, other)
Water Use: Domestic ☐ Municipal ☐ Other ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Stock ☒

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5" ID	14 1/2 lb.	0	160	3 inch		



1/4 Sec. 11 T. 34 R. 5
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well 145 feet.Shut-in Pressure for Flowing Well 0Pumping Water Level 160 feet at 6 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Railer Length of Test 1 hour

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of

acres irrigated, if used for irrigation) From 160 to 184

Gravel Screen

Driller's License Number

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

333486 # 177

STATE OF MONTANA, ss.
County of Sheridan.

Filed this 13 day of
Sept. A. D. 1963
at 10:45 o'clock A. M.

L. N. Nielsen
County Recorder
By Myrtle Skallen
Deputy

File No. _____

DUPLICATE

RECEIVED
MAY 31 1962

Approved Stock Form—State Publishing Co., Helena, Montana—38496

T 34 N R 51

County Sheridan

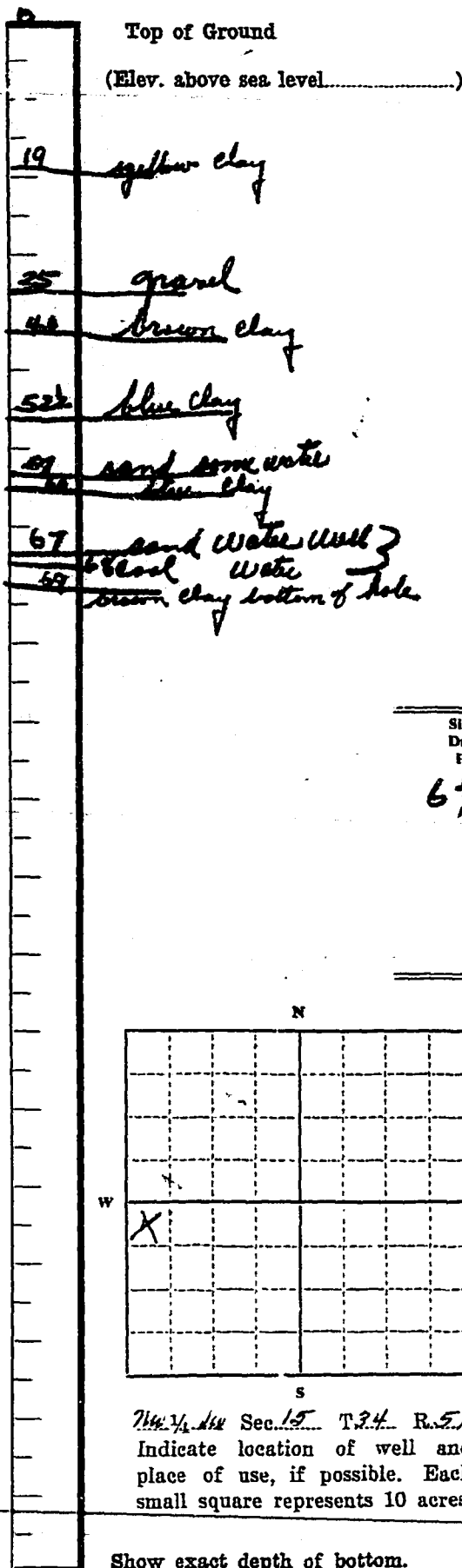
STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERNotice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Adolph Kanning Address Redstone, Mont.Driller Wester Drilling Co. Address Med Lake, Mont.Date of Notice of Appropriation of Groundwater 5-6-62Date well started 5-9-62 Date Completed 5-12-62Type of well drilled Equipment Used rotary
(dug, driven, bored or drilled) (Churn, drill, rotary or other)Water Use: Domestic ☐ Municipal ☐ Other ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Stock ☒

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.



Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 1/4	4.80 lb. pipe 4" casing	0	61.5'			

Static Water Level for non-flowing Well _____ feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 10 feet at 20 gal. per minute.Discharge in gal. per min. of flowing well 1 galHow Tested pump Length of Test 2 hoursRemarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation) 2 seal was made 4 ft up from bottom of casing to shut off any water from up above that might enter wellDriller's License Number 106Driller's Signature Lloyd H. Carlson

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

329200

#86

in upper part

to 1000

to 1000

to 1000

to 1000

to 1000

to 1000

STATE OF MONTANA, ss.
County of Sheridan.

Filed this 29 day of
May A. D. 1962

at 11:00 o'clock A.M.

Arthur J. [Signature]
County Recorder

[Signature]
Deputy

to 1000

to 1000

2-5-65

quilt

2-15-65

quilt

2-2-65

quilt

GW 2

File No. _____

DUPLICATE

RECEIVED
MAY 31 1962

Approved Stock Form—State Publishing Co., Helena, Montana—38496

T 34 N R 51 E

County Sheridan

STATE ENGINEER

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

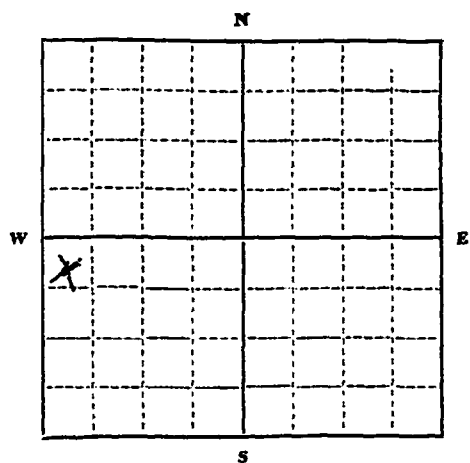
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Abdolt Hanning Address Redstone Mont.Driller William Shilling Address Med Lake, Mont.Date of Notice of Appropriation of Groundwater 5-12-62Date well started 5-14-62 Date Completed 5-18-62Type of well drilled Equipment Used rotary
(dug, driven, bored or drilled) (Churn, drill, rotary or other)Water Use: Domestic ☐ Municipal ☐ Other ☐ Irrigation ☒
Industrial ☐ Drainage ☐ Stock ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 3/4"	15 lbs per ft 5" casing	0	70'			



24 1/2 Sec. 15 T. 34 R. 51 E.
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well 8 ft feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 12 feet at 30 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested with pump Length of Test 4 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of

acres irrigated, if used for irrigation) 2 seal was

made 3 ft up from bottom and of casing to shut off and water above from entering the well

Driller's License Number 146Driller's Signature Floyd H. Cochran

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

788

[illegible]

STATE OF MONTANA, } ss.
County of Sheridan. }

Filed this 29 day of May A. D. 1962

at 11:00 o'clock 2 M.

Ad. Lane
County Recorder

Deputy

3-11-1900

214-5

2-18-2
2-18-2
2-18-2

1

$N = 69$

$\frac{1}{2} \times 70 = 35$

$\frac{1}{2} \times 70 = 35$

File No. _____

DUPLICATE

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

APR 17 1964

Notice of Completion of Groundwater Appropriation by Means of Well

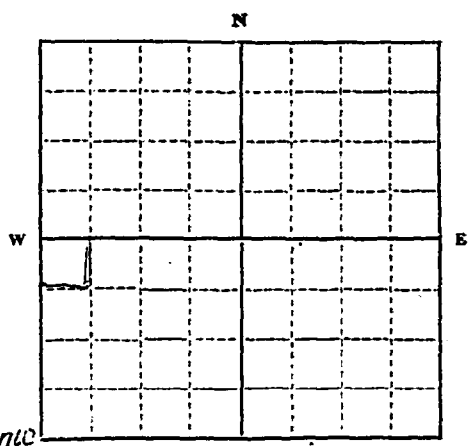
(Under Chapter 237, Montana Session Laws, 1961)

Owner Adolph Kanning Address Redstone Mont.Driller Albert Andersen Address Medicine LakeDate of Notice of Appropriation of Groundwater July 30 - 63Date well started July 20 - 63 Date Completed July 30 - 63Type of well drilled Equipment Used rotary
(dug, driven, bored or drilled) (Churn, drill, rotary or other)Water Use: Domestic ☒ Municipal ☐ Other ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Stock ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Top of Ground	(Elev. above sea level)
0	
24	
4	fill dirt
25	clay
46	gravel
61	blue clay
63	sand water
70 1/2	clay
73	soft coal water
75 1/2	coal
93 1/2	clay & coal seams
100	clay
105	soft coal
120	white clay
123	sandy clay
124 1/2	soft coal
141 1/2	clay
142 1/2	coal
196	clay
197 1/2	sandstone
208	sandy clay
213	soft sandstone water

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
8 7/8"	6" 1.0.	0	208	0	0	0
To 196	24 lbs					
7 inch	pu. ft.					
To 213						



SW 1/4 Sec. 15 T34 R51
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well 43 feet.Shut-in Pressure for Flowing Well 0Pumping Water Level 9.5 feet at 7 gal. per minute.Discharge in gal. per min. of flowing well 0How Tested Pump Length of Test 5 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)

Driller's License Number 106Driller's Signature Albert E. Andersen

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

35606

3 35227

#528

STATE OF MONTANA, ss.

County of Sheridan

Filed this 29 day of Jan.

A. D. 1904

at 11:45 o'clock A. M.

L. D. Nelson

County Recorder

By Myrtle Haller

Deputy

Handwritten notes and signatures at the bottom of the page.

Handwritten notes on the right side of the page.

Handwritten notes on the right side of the page.

Handwritten notes on the right side of the page.

Handwritten notes on the right side of the page.

File No. _____

T. 34 N. R. 51 E.

DUPLICATE

County Sheridan

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
MAR 10 1965

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Jan. 6, 1921 by first use of predecessors in interest

Owner Elizabeth Fishell, Address Redstone, Montana
et al.

Contractor (if any) none

Address of Contractor _____

Date Started Jan. 1921 Date Completed Jan. 6, 1921

*Claimants herein deeded land and spring 1955.

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to

water when applicable. free flowing spring--out of

the ground without artificial assistance;

runs the year round;

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use --5 gallons per

SE 1/4 SW Sec. 24 T. 34 N. R. 51 E. M. M. minute--measured by use of 5 gallon

Indicate point of appropriation and place of use, if possible.

pail--used entire year around. Used for

cattin. Pipe water about 800' rest

Harry W. Fishell
E. M. Fishell
Robert Fishell

Signature of Owner Elizabeth Fishell
Robert M. Fishell, Jr.

Date December 8, 1964.

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

11547

INDEXED

STATE OF MONTANA, } ss.
County of Sheridan.

Filed this 5 day of

March A. D. 19 65

at 1210 o'clock 8 M.

[Signature]
County Recorder

Deputy

GROUNDWATER INDEX

Page 1 of 1

County SHERIDAN Twp. 34N Rge. 5dE

[illegible]

File No. _____

T 34 R 52

DUPLICATE

County Sheridan

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 15 1964

**Notice of Completion of Groundwater Appropriation
Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

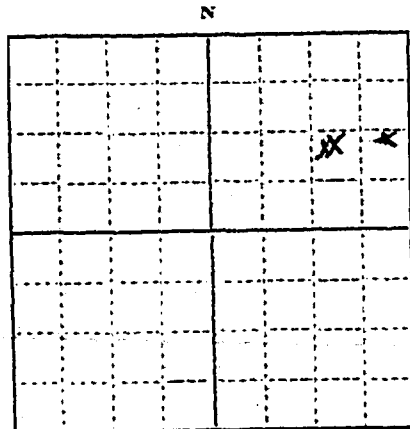
Date of Appropriation of Groundwater 1957Owner Leonard Smith Address RedstoneContractor (if any) None

Address of Contractor _____

Date Started 1957 Date Completed 1957Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Dugout to formreservoir. dug to a depth
of 5' feed by spring
in dugout

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use. _____

used for livestock 7
months per year
no record of amount.Signature of Owner Leonard SmithDate Dec. 27-63

NE 1/4 Sec. 1 T. 34 R. 52

Indicate point of appropriation and place of use, if possible.

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

334820

#369

STATE OF MONTANA, ss.

County of Blaine

Filed this 30 day of

December A. D. 1963

at 12:05 o'clock P. M.

Ed. Necker
County Recorder

Deputy

File No. _____

DUPLICATE

T. 34 N. 52 R.

County Sheridan

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 15 1964

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1963

Owner Leonard Smith Address Redstone

Contractor (if any) None

Address of Contractor _____

Date Started _____ Date Completed _____

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable.

Undeveloped natural flow

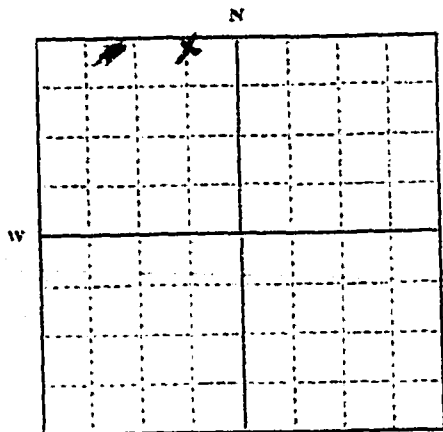
Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use.

used about seven months per year for livestock no record of quantity

Signature of Owner Leonard Smith

Date Dec. 27. 63



NE 1/4 NW Sec. 2 T. 34 R. 52

Indicate point of appropriation and place of use, if possible.

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

334817

#366

STATE OF MONTANA ss.
County of Sheridan

Filed this 30 day of
December A. D. 1923
at 12:05 o'clock P. M.

Y. M. Miller
County Recorder

Deputy

File No. _____

T 34^N R 52^E

DUPLICATE

County Sheridan

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

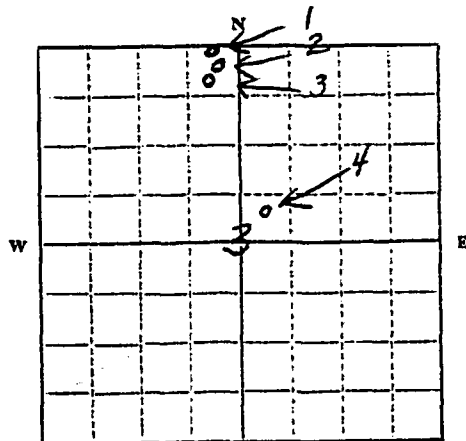
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

JAN 15 1964

ENGINEER

1. James A. Jensen, of Redstone Mont
(Name of Appropriator) (Address) (Town)
County of Sheridan State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 NE 1/4 3^S 34-52
NE 1/4 NW 1/4 Sec. 3 T. 31 R. 52

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based Livestock
AND household
3. Date or approximate date of earliest beneficial use; and how continuous the use has been # 1-1930 # 2-1917
3-1950 # 4-1919 # 2 & 3
continuous use # 1 & 4 intermittent
4. The amount of groundwater claimed (in miner's inches or gallons per minute) each well 4 gal/min (except
3 1 gal/min limit)
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
Not applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Cylinder
pumps each well # 1, 2, 3, 4. Powered
with electricity one (# 4) by windmill
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater # 2-1917, # 4-1919, # 1-1930, # 3-1950
8. The depth of water table # 1-22 ft, # 2-270 ft, # 3-17 ft, # 4-180 ft.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater # 1 hard surface water 16" casing 23 ft deep.
2 soft water 4" casing 270 ft deep water near 130 ft pump.
3 hard water 17 ft 18" casing 46 ft deep pump.
4 soft water 4" casing 110 ft pump pulled at present.
10. The estimated amount of groundwater withdrawn each year 180,000 gal.
11. The log of formations encountered in the drilling of each well if available Not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None additional to my knowledge

Signature of Owner

James A. JensenDate 12-20-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

32989

334678

#289

STATE OF MONTANA,
County of Sheridan.

Filed this 23 day of
December A. D. 1903
at 11:00 o'clock A M.

J. A. Nicks
County Recorder

Deputy

File No. _____

T. 34 R. 52

DUPLICATE

County Skutumpah

#1

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner C. A. Marneau Address Radstone, MontDriller Western Drilling Co Address Med Lake, MontDate of Notice of Appropriation of Groundwater 5-23-62Date well started 5-24-62 Date Completed 5-28-62Type of well drilled Equipment Used rotary
(dug, driven, bored or
drilled) (Churn, drill, rotary or
other)Water Use: Domestic ☒ Municipal ☐ Other ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Stock ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>6 1/4"</u>	<u>4" steel</u> <u>2 lbs per ft</u>	<u>0</u>	<u>105</u>			
#2 <u>48" x 36"</u>	<u>36" galvanized steel</u>	<u>0</u>	<u>13</u>	<u>drilled</u>	<u>7</u>	<u>13</u>
#3 <u>48" x 48"</u>	<u>36" galvanized steel</u>	<u>0</u>	<u>13</u>	<u>drilled</u>	<u>7</u>	<u>13</u>

#1 Static Water Level for non-flowing Well 39 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 105 feet at 6 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested pump Length of Test 2 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of

acres irrigated, if used for irrigation) Casing was

set into water sand and seal between
earth and casing was established
8 ft from lower end of casing.

Driller's License Number 106

Lloyd H. Carlson
Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

33181

[Handwritten signatures]

File No. _____

DUPLICATE

T. 34N 52ECounty Sheridan

R

JAN 15 1964

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

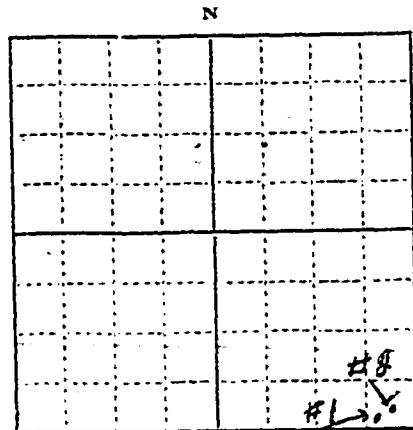
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Oct 27 1956Owner Cecil G. Gorman Address RedstoneContractor (if any) None

Address of Contractor _____

Date Started _____ Date Completed _____

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. #1 is a natural flowing spring. Flowing approx 1 gal per min.#2 is a boxed and piped spring flowing at 4 gal per min.SE 1/4 SE 5 T 34 R 52

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use _____

Springs are used for livestock and are used the year around.Signature of Owner Cecil G. GormanDate Dec. 31 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

33180

334946

#481

STATE OF MONTANA

County of Sheridan

I and this 31 day of December A. D. 1963

at 4:00 o'clock P. M.

Ed Nash
County Recorder

Deputy

File No. _____

T. 24 N. 5 E. 6

DUPLICATE

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 15 1964

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater _____

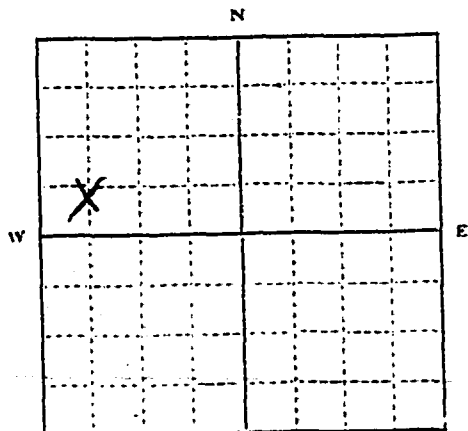
Owner Elizabeth J. Blue Address Plantywood

Contractor (if any) _____

Address of Contractor _____

Date Started 1938 Date Completed 1938

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. 4 X 4 spring box
12 ft deep 6 ft of water
piped to a tank



SW 1/4 NW Sec. 6 T. 24 R. 52

Indicate point of appropriation
and place of use, if possible.

Quantity of water developed and used with explanation of method
used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use _____

3 gal Per minused all yearSignature of Owner Elizabeth J. Blue
by Quilla HollandDate Dec 30, 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

334845

#394

STATE OF MONTANA, ss.
County of Sheridan.

Filed this 30 day of
December A. D. 1913
at 4:00 o'clock P. M.

J. A. Niles
County Recorder

Deputy

File No. _____

T 34 R 52

DUPLICATE

County Sheridan

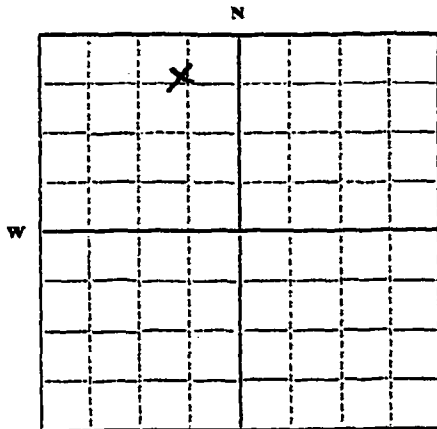
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Arthur M. Hagan Jr. of Redstone
(Name of Appropriator) (Address) (Town)
County of Sheridan State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 NW 1/4 Sec. 7 T. 34 R. 52

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based Stock water + possible irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 7-18-58
Used 3 1/2 months

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 GPM

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
Has not been used for this purpose yet
Owner - Arthur M. Hagan Jr.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal By pumping

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Started 5-5-58 completed 7-5-58

8. The depth of water table 135'

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Sanitary well - 6" diameter casing - depth 160'

10. The estimated amount of groundwater withdrawn each year Used 3 1/2 months of 58

11. The log of formations encountered in the drilling of each well if available 0'-20' brown clay
20'-135' Gray clay - 135'-140' Gray sandy water
140'-150' Gray clay - 150'-160' Gray sandy water

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Signature of Owner

Arthur M. Hagan Jr.
Date Jan 2, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

321352

#121

STATE OF MONTANA
County of Sheridan

Filed this 3rd day of

January A. D. 1963

at 1:00 o'clock P. M.

A. D. Thors
County Recorder

By Myrtle Haller
Deputy

File No. _____

DUPLICATE

T. 34 R. 52

County Sheridan

JAN 15 1964

STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

**Notice of Completion of Groundwater Appropriation
Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1910Owner Leonard Smith Address RedstoneContractor (if any) None

Address of Contractor _____

Date Started 1910 Date Completed _____

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable.

Spring - Curbed & piped to a tank

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use.

Used about nine months per year for livestock no record of quantity

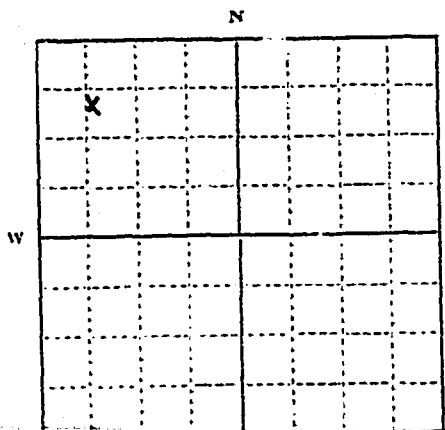
Signature of Owner Leonard SmithDate Dec. 27-63

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.



NW 1/4 Sec. 11 T. 34 R. 52

Indicate point of appropriation and place of use, if possible.

334818

367

STATE OF MONTANA, ss.

County of Sheridan.

Filed this

30

day of

December

A. D. 19

63.

at 12:05 o'clock

3

M.

L. A. Nicks

County Recorder

Deputy

RECEIVED
OCT 1 1958

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

T. 34N R. 52E
County Lincoln

28

WATER WELL LOG

Owner John Hallsey Address Plentywood

Driller Water Lee Address Plentywood

Date Started Sept 12 58 Date Completed Sept 15 58

Location: Sec 24 T. 34 R. 52 $\frac{1}{4}$ sec. SE

Type of well bored (Dug, driven, bored, or drilled) Equipment used boaring machine (Cable drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other: _____

Casing: gal. steel ft. to 4 1/2 ft. Type corrugated Size 18

Casing: _____ ft. to _____ ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: Ft. 20 to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations _____

Static Water level, for non-flowing well: _____ feet.

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____ (date)

Pumping water level _____ feet at _____ gal. per min.

How tested: _____

Length of test _____

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

gravel packed 20 ft

(over)

[illegible]

20	sand
----	------

5 blue clay

7	save rocks and sand
---	---------------------

File No. _____

T. 34^N R. 52

DUPLICATE

County Sheridan

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
APR 17 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Gerhard O. Johnson, of Redstone
(Name of Appropriator) (Address) (Town)
County of Sheridan State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

N
W E
S

Sw $\frac{1}{4}$ Sw $\frac{1}{4}$ Sec. 26 T. 34 R. 52

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based
Stock and Domestic

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
Stock 1919
Domestic 1923
Been in continuous use since dug.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2 gal each

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater

8. The depth of water table Stock 52' Domestic 30'

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater

Stock 2' wood casing
Domestic 8" tile casing

10. The estimated amount of groundwater withdrawn each year 92,000 gal each

11. The log of formations encountered in the drilling of each well if available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner

Gerhard O. JohnsonDate Jan 7 1964

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

35593

335018

#515

STATE OF MONTANA, } ss.
County of Sheridan.

Filed this 7 day of
January A. D. 1964
at 8:30 o'clock 9 M.

L. G. Nielsen
County Recorder

Deputy

File No. _____

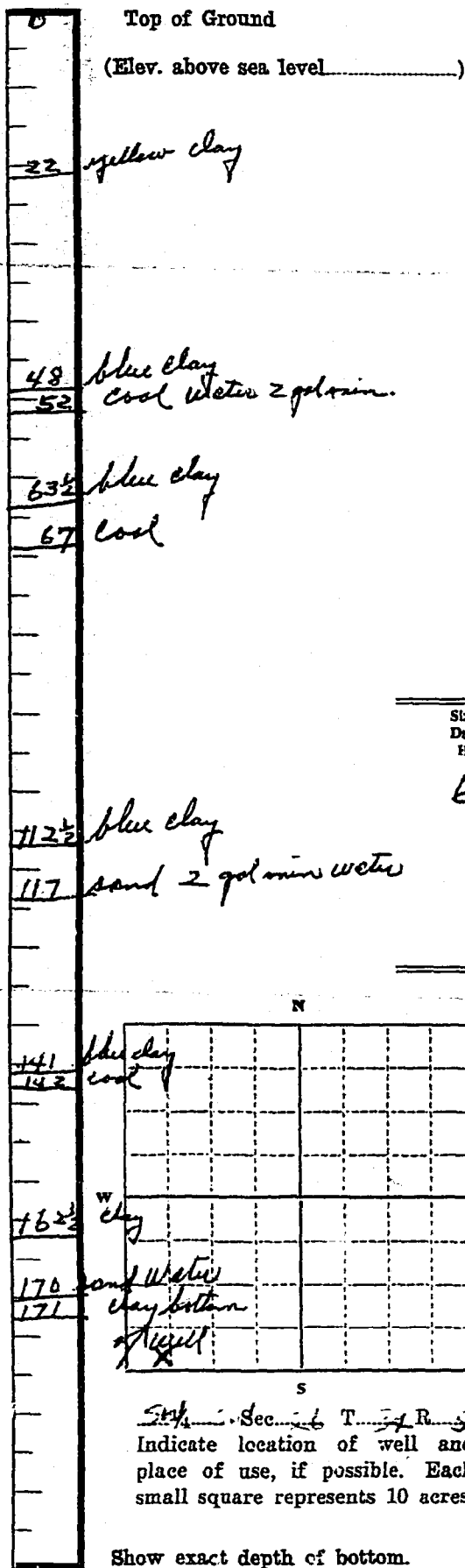
TRIPLICATE

T 34 R 52
County SheildonSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERNotice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Gerhart Johnson Address Redstone, MontDriller Western Drilling Co Address Med Lake, MontDate of Notice of Appropriation of Groundwater 5-9-62Date well started 5-19-62 Date Completed 5-26-62Type of well drilled Equipment Used rotary
(dug, driven, bored or (Churn, drill, rotary or
drilled) other)Water Use: Domestic ☒ Municipal ☐ Other ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Stock ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.



Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 1/4"	6.75 lb per ft 4 1/2" I.D. steel casing	0	164			

Static Water Level for non-flowing Well 44 feet

Shut-in Pressure for Flowing Well _____

Pumping Water Level 154 feet at 5 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested pump Length of Test 3 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of

acres irrigated, if used for irrigation Casing wasset to top of water sand and a seal
between casing and earth was established
three ft. up from lower end of casing.Driller's License Number 106Driller's Signature Lloyd H. Carlson

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

33080

334831

#380

STATE OF MONTANA, ss.
County of Sheridan.

Filed this 30 day of December A. D. 1913
at 4:00 o'clock P. M.

X. A. Nielsen
County Recorder

Deputy

File No. _____

DUPLICATE

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Elmer Johnson Address Redstone, MontDriller Western Drilling Address Med Lake, MontDate of Notice of Appropriation of Groundwater 4-20-62Date well started 4-21-62 Date Completed 5-15-62Type of well drilled Equipment Used rotary
(dug, driven, bored or (Churn, drill, rotary or
drilled) other)Water Use: Domestic ☒ Municipal ☐ Other ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Stock ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 3/4"	4" 9 lbs per ft	0	138	fine cat	132	138

Static Water Level for non-flowing Well 80 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 120 feet at 6 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested 5 hours Length of Test 5 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation) A 6 3/4" hole

was drilled to the above depth and 4" casing was perforated and set and fine gravel was placed around casing about water and then dirt was filled in.

Driller's License Number 106Driller's Signature Elmer Johnson

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

329348

[Vertical text and markings, possibly from a ledger or index, including numbers and names.]

STATE OF MONTANA
County of Sheridan.
on this 18 day of June A. D. 1962
at 9:00 o'clock A.M.
Adrian
County Recorder
Deputy

[Handwritten notes and signatures, including "Deputy", "138", and other illegible text.]

Form No. 18
8-60

33

T. 34 R. 52
County Shelburne

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner E. J. Jones, Johnson Address Piedmont Mont
Driller Western Drilling Co Address West Lake Mont
Date Started 7-1-61 Date Completed 11-2-61
Location: Sec. 33 T. 34 R. 52 $\frac{1}{4}$ sec. NW 1/4

Type of well Drilled Equipment used Rotary
(Dug, driven, bored, or drilled) (Churn, auger, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other _____

Casing: 0 ft. to 16.545 ft. Type steel Size 4 in

Casing: _____ ft. to _____ ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: Ft. _____ to ft. _____. Ft. _____ to ft. _____

Type of screen or perforations _____

Static Water level, for non-flowing well: 90 ft feet.

Shut-in pressure, for flowing well: _____ lb./sq. in., on: _____ (data)

Pumping water level 130 ft feet at 10 gal gal. per min.

How tested: bailey

Length of test 1 hour

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

Casing was set to top part of water sand
water will enter casing from below

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
9	16	yellow clay
16	40	blue clay
40	47	brown clay
47	51½	blue clay
51½	55	coal
55	68	blue clay
68	69	coal
69	77½	blue clay
77½	80	coal
80	105	blue clay
105	109	blue sandstone
109	110	blue clay
110	122½	sandy clay
122½	124	coal
124	135	clay
135	138	sandy clay
138	147	clay
147	149	coal
149	156	clay
156	158	sand
158	160	sandy clay
160	162½	mostly clay
162½	167	sand & <u>Water</u>